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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: O I P E  
Serial No.: JUN 04 2002  
Filed: PATENT & TRADEMARK OFFICE  
For: 6106  
Group No.  
Attorney's Docket No.  
Customer No.

Preston Jett  
10/055,007  
January 23, 2002  
Baseband Signal Converter For A Wideband Impulse Radio  
Receiver  
2631  
4042 DIV  
23456

#6 IDS  
w/refs  
6/22/04  
to

RECEIVED

JUN 07 2002

INFORMATION DISCLOSURE STATEMENT

Technology Center 2600

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. §1.56, applicant hereby calls to the attention of the Patent and Trademark Office the following patents and other documents which are listed on attached Form PTO-1449.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-reference application.

1. U.S. Patent No. 3,720,950 issued March 13, 1973, to Vehrs, Jr.
2. U.S. Patent No. 3,728,632 issued April 17, 1973, to Ross.
3. U.S. Patent No. 3,864,635 issued February 4, 1975, to Ewanus.
4. U.S. Patent No. 4,279,018 issued July 14, 1981, to Carson.
5. U.S. Patent No. 4,550,414 issued October 29, 1985, to Guinon, et al.
6. U.S. Patent No. 4,641,317 issued February 3, 1987, to Fullerton.
7. U.S. Patent No. 4,688,232 issued August 18, 1987, to Fox.
8. U.S. Patent No. 4,743,906 issued May 10, 1988, to Fullerton.

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9. U.S. Patent No. 4,813,057 issued March 14, 1989, to Fullerton.
10. U.S. Patent No. 4,907,001 issued March 6, 1990, to Harmuth.
11. U.S. Patent No. 4,979,186 issued December 18, 1990, to Fullerton.
12. U.S. Patent No. 5,031,191 issued July 9, 1991, to Hiramatsu et al.
13. U.S. Patent No. 5,105,437 issued April 14, 1992, to Kingston, et al.
14. U.S. Patent No. 5,214,669 issued May 25, 1993, to Zarembowitch.
15. U.S. Patent No. 5,345,471 issued September 6, 1994, to McEwan.
16. U.S. Patent No. 5,361,070 issued November 1, 1994, to McEwan.
17. U.S. Patent No. 5,363,108 issued November 8, 1994, to Fullerton.
18. U.S. Patent No. 5,479,120 issued December 26, 1995, to McEwan.
19. U.S. Patent No. 5,519,342 issued May 21, 1996, to McEwan.
20. U.S. Patent No. 5,523,758 issued June 4, 1996, to Harmuth.
21. U.S. Patent No. 5,523,760 issued June 4, 1996, to McEwan.
22. U.S. Patent No. 5,610,907 issued March 11, 1997, to Barrett.
23. U.S. Patent No. 5,659,573 issued August 19, 1997, to Bruckert et al.
24. U.S. Patent No. 5,677,927 issued October 14, 1997, to Fullerton, et al.
25. U.S. Patent No. 5,748,891 issued May 5, 1998, to Fleming et al.
26. U.S. Patent No. 5,832,035 issued November 3, 1998, to Fullerton.
27. U.S. Patent No. 5,843,139 issued December 1, 1998, to Goedeke et al.
28. U.S. Patent No. 5,928,293 issued July 27, 1999, to Jobling et al.
29. U.S. Patent No. 6,044,104 issued March 28, 2000, to Watanabe.
30. PCT Publication No. WO 91/06155 published May 2, 1991.

31. German Patent Publication No. DE 31 31 186 AI published February 24, 1983.

Copies of the listed documents are attached.

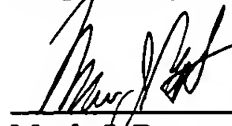
For foreign references, English translations of non-English documents and/or abstracts are enclosed.

With respect to PCT Publication WO 91/06155, the relevance of the disclosure is described in the English language abstract.

Applicant respectfully requests that these references be considered by the Examiner and made of record as part of the "available prior art" under 37 C.F.R. §1.104.

The Commissioner is authorized to charge any deficiency or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No. 23-0035.

Respectfully submitted,



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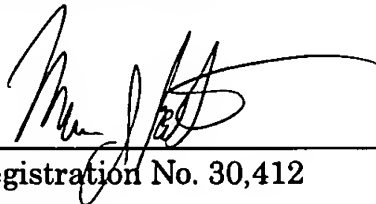
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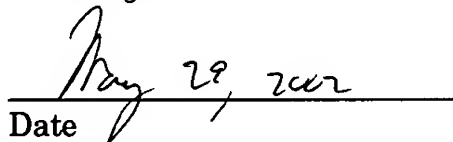
CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that this Information Disclosure Statement is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, May 29, 2002.

Mark J. Patterson



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